Author Index

Adolf, M.A., see Rubin, R.P. (1133) 127
Aepfelbacher, M., see Weber, C. (1133) 38
Anglard, P., Magal, E. and Louis, J.-C.
Stimulation of glycolysis by corticotropin and phorbol ester in cultured neurons (1133) 321
Ashcroft, S.J.H., see Niki, I. (1133) 95
Ashikari, S., see Habuchi, O. (1133) 9

Badwey, J.A., see Ding, J. (1133) 235
Barford, D.
Molecular mechanisms for the control of enzymic activity by protein phosphorylation (1133) 55
Berry, M.N., see Gregory, R.B. (1133) 89
Bertics, P.J., see Hubler, L. (1133) 307
Biol, M.-C., Lenoir, D., Hugueny, I. and Louisot, P.
Hormonal regulation of glycosylation process in rat small intestine: responsiveness of fucosyl-transferase activity to hydrocortisone during the suckling period, unresponsiveness after weaning (1133) 206
Blazer-Yost, B.L., Watanabe, M., Haverty, T.P. and Ziyadeh, F.N.
Role of insulin and IGF1 receptors in proliferation of cultured renal proximal tubule cells (1133) 329
Borgeat, P., see Naccache, P.H. (1133) 102
Braquet, P., see Her, E. (1133) 63
Brock, J.H., see Djeha, A. (1133) 147
Brock, J.H., see Iturralde, M. (1133) 241
Brunotte, F., see Unitt, J.F. (1133) 115

Cawston, T.E., see Wright, J.K. (1133) 25
Chen, K.Y., see Chen, Z.-P. (1133) 1
Chen, Z.-P. and Chen, K.Y.
Differentiation of a mouse neuroblastoma variant cell line whose ornithine decarboxylase gene has been amplified (1133) 1
Chiabrando, C., Rivoltella, L., Martelli, L., Valzacchi, S. and Fanelli, R.
Urinary excretion of thromboxane and prostacyclin metabolites during chronic low-dose aspirin: evidence for an extrarenal origin of urinary thromboxane B_2 and 6-keto-prostaglandin F1α in healthy subjects (1133) 247
Clark, I.M., see Wright, J.K. (1133) 25
Croft, K.D., see McCulloch, R.K. (1133) 142

Dagher, G. and Sauterey, C.
Regulation of intracellular pH in rabbit cortical connecting tubule and cortical collecting duct (1133) 17
Di Marzo, V., see Galadari, S.H.I. (1133) 218
Ding, J. and Badwey, J.A.
Utility of immobilon-bound phosphoproteins as substrates for protein phosphatases from neutrophils (1133) 235
Dive, C., Gregory, C.D., Phipps, D.J., Evans, D.L., Milner, A.E. and Wyllie, A.H.
Analysis and discrimination of necrosis and apoptosis (programmed cell death) by multiparameter flow cytometry (1133) 275
Djeha, A. and Brock, J.H.
Uptake and intracellular handling of iron from transferrin and iron chelates by mitogen stimulated mouse lymphocytes (1133) 147

Elmore, M., see Murphy, C.T. (1133) 46
Emoto, S., see Kawai, H. (1133) 172
Emoto, S., see Miyazaki, T. (1133) 179
Evans, D.L., see Dive, C. (1133) 275
Evans, P.J.
Selective inhibition of the synthesis of phospho*enol*pyruvate carboxykinase in freshly isolated proximal tubule cells (1133) 255

Fain, J.N., see Pittner, R.A. (1133) 316
Fanelli, R., see Chiabrando, C. (1133) 247
Ferenz, H.-J., see Roehrkasten, A. (1133) 160
Fox, M., see Rendell, M. (1133) 293
Fragonas, J.-C., see Hunt, N.H. (1133) 261
Fruteau de Laclos, B., see Naccache, P.H. (1133) 102
Fujita, M., see Natsukari, N. (1133) 193
Funk, C.D., see Sheppard, K.-A. (1133) 223

Galadari, S.H.I., Morris, H.R. and Di Marzo, V.
The effect of a cAMP analogue on Ca^{2+} ionophore-, antigen- and agonist-induced inositol phosphate release in rat basophilic leukaemia (RBL-1) cells (1133) 218
Goncalves, E., see Lakshmanan, M. (1133) 213
Greenberg, S.M., see Sheppard, K.-A. (1133) 223
Gregory, C.D., see Dive, C. (1133) 275
Gregory, R.B. and Berry, M.N.
The administration of triiodothyronine to rats results in a lowering of the mitochondrial membrane potential in isolated hepatocytes (1133) 89

Habuchi, O., Tsuzuki, M., Takeuchi, I., Hara, M., Matsui, Y. and Ashikari, S.
Secretion of chondroitin 6-sulfotransferase and chondroitin 4-sulfotransferase from cultured chick embryo chondrocytes (1133) 9
Hara, M., see Habuchi, O. (1133) 9
Hara, T., see Itoh, K. (1133) 286
Hardin, C.D., Wiseman, R.W. and Kushmerick, M.J.
Vascular oxidative metabolism under different metabolic conditions (1133) 133
Haverty, T.P., see Blazer-Yost, B.L. (1133) 329
Hazleman, B.L., see Wright, J.K. (1133) 25
Her, E., Reiss, N., Braquet, P. and Zor, U.
Characterization of glucocorticoid inhibition of antigen-induced inositolphosphate formation by rat basophilic leukemia cells: possible involvement of phosphatases (1133) 63
Higashio, K., see Suzuki, A. (1133) 167
Horio, Y. and Murad, F.
Purification of guanylyl cyclase from rod outer segments (1133) 81
Horton, A.A. and Wood, J.M.
Prevention of Ca^{2+}-induced or thromboxane B_2-induced hepatocyte plasma membrane bleb formation by thromboxane receptor antagonists (1133) 31
Hubler, L., Kher, U. and Bertics, P.J.
Potentiation of epidermal growth factor receptor protein-tyrosine kinase activity by sulfate (1133) 307
Hugueny, I., see Biol, M.-C. (1133) 206
Hundley, T.R., see Rubin, R.P. (1133) 127

Hunt, N.H. and Fragonas, J.-C.
Effects of anti-oxidants on ornithine decarboxylase in mitogenically-activated T lymphocytes (1133) 261

Ichikawa, A., see Kawai, H. (1133) 172
Ichikawa, A., see Miyazaki, T. (1133) 179
Imanishi, N., see Kawai, H. (1133) 172
Itoh, K., Hara, T. and Shibata, N.
Diphosphorylation of platelet myosin by myosin light chain kinase (1133) 286
Iturralde, M., Vass, J.K., Oria, R. and Brock, J.H.
Effect of iron and retinoic acid on the control of transferrin receptor and ferritin in the human promonocytic cell line U937 (1133) 241

Kahler, K., see Rendell, M. (1133) 293
Kawai, H., Ohgoh, M., Emoto, S., Ohmori, E., Imanishi, N., Yatsunami, K. and Ichikawa, A.
Synergistic effects of 12-*O*-tetradecanoylphorbol-13-acetate and dexamethasone on de novo synthesis of histidine decarboxylase in mouse mastocytoma P-815 cells (1133) 172
Kellie, S., see Murphy, C.T. (1133) 46
Kelly, S., see Rendell, M. (1133) 293
Kher, U., see Hubler, L. (1133) 307
Klein, J.M. and Nielsen, H.C.
Sex-specific differences in rabbit fetal lung maturation in response to epidermal growth factor (1133) 121
Knox, S., see Rendell, M. (1133) 293
Kostanyan, A. and Nazaryan, K.
Rat brain glycolysis regulation by estradiol-17β (1133) 301
Kumasaka, T., see Suzuki, A. (1133) 167
Kushmerick, M.J., see Hardin, C.D. (1133) 133

Lakshmanan, M., Goncalves, E., Pontecorvi, A. and Robbins, J.
Differential effect of a new thyromimetic on triiodothyronine transport into myoblasts and hepatoma and neuroblastoma cells (1133) 213
Law, R.O.
Efflux and accumulation of amino nitrogen in relation to the volume of rat renal inner medullary cells exposed to media of variable osmolality (1133) 268
Leblanc, Y., see Naccache, P.H. (1133) 102
Lee, J., see Mick, G.J. (1133) 73
Lenoir, D., see Biol, M.-C. (1133) 206
Louis, J.-C., see Anglard, P. (1133) 321
Louisot, P., see Biol, M.-C. (1133) 206
Luu, T., see Rendell, M. (1133) 293
Lux, I., see Weber, C. (1133) 38

Magal, E., see Anglard, P. (1133) 321
Martelli, L., see Chiabrando, C. (1133) 247
Matsui, Y., see Habuchi, O. (1133) 9
McCormick, K.L., see Mick, G.J. (1133) 73
McCulloch, R.K., Croft, K.D. and Vandongen, R.
Enhancement of platelet 12-HETE production in the presence of polymorphonuclear leukocytes during calcium ionophore stimulation (1133) 142
Mick, G.J., Lee, J. and McCormick, K.L.
Selective stimulation of in situ intermediary metabolism by free calcium in permeabilized rat adipocytes (1133) 73
Milner, A.E., see Dive, C. (1133) 275
Mimouni, V., Narce, M. and Poisson, J.-P.
Evidence for insulin dependent hepatic microsomal γ-linolenic acid chain elongation in spontaneously diabetic Wistar BB rats (1133) 187
Mitsuda, S., see Suzuki, A. (1133) 167
Miyazaki, T., Ohgoh, M., Ohmori, E., Yamamoto, J., Emoto, S., Yatsunami, K. and Ichikawa, A.
Synergistic effects of cyclic AMP and Ca^{2+} ionophore A23187 on de novo synthesis of histidine decarboxylase in mastocytoma P-815 cells (1133) 179
Morris, H.R., see Galadari, S.H.I. (1133) 218
Murad, F., see Horio, Y. (1133) 81
Murphy, C.T., Elmore, M., Kellie, S. and Westwick, J.
Comparison of the role of protein kinase C in platelet functional responses induced by three different mechanisms, PAF, ionomycin and arachidonic acid (1133) 46

Naccache, P.H., Leblanc, Y., Rokach, J., Patrignani, P., Fruteau de Laclos, B. and Borgeat, P.
Calcium mobilization and right-angle light scatter responses to 12-oxo-derivatives of arachidonic acid in neutrophils: evidence for the involvement of the leukotriene B_4 receptor (1133) 102
Narce, M., see Mimouni, V. (1133) 187
Natsukari, N., Uezato, T., Ohta, H. and Fujita, M.
Characterization of EGTA-washed synaptosomal membrane with emphasis on its calmodulin-binding proteins. Demonstration of possible reconstitution with added calcium/calmodulin (1133) 193
Nazaryan, K., see Kostanyan, A. (1133) 301
Nielsen, H.C., see Klein, J.M. (1133) 121
Niki, I. and Ashcroft, S.J.H.
Possible involvement of protein phosphorylation in the regulation of the sulphonylurea receptor of a pancreatic β-cell line, HIT T15 (1133) 95

Ohgoh, M., see Kawai, H. (1133) 172
Ohgoh, M., see Miyazaki, T. (1133) 179
Ohkura, K. and Terada, H.
Coculture of newborn rat skin epidermal cells with Swiss 3T3 cells: effect of the phases of 3T3 cells on attachment, growth and keratin synthesis of epidermal cells (1133) 153
Ohmori, E., see Kawai, H. (1133) 172
Ohmori, E., see Miyazaki, T. (1133) 179
Ohta, H., see Natsukari, N. (1133) 193
Oria, R., see Iturralde, M. (1133) 241

Patrignani, P., see Naccache, P.H. (1133) 102
Phipps, D.J., see Dive, C. (1133) 275
Pittner, R.A. and Fain, J.N.
Ethanol is a potent stimulator of phosphatidylcholine breakdown in cultured rat hepatocytes (1133) 316
Poisson, J.-P., see Mimouni, V. (1133) 187
Pontecorvi, A., see Lakshmanan, M. (1133) 213

Quinlan, E., see Rendell, M. (1133) 293

Radda, G.K., see Unitt, J.F. (1133) 115
Reiss, N., see Her, E. (1133) 63
Rendell, M., Luu, T., Quinlan, E., Knox, S., Fox, M., Kelly, S. and Kahler, K.
Red cell filterability determined using the cell transit time analyzer (CTTA): effects of ATP depletion and changes in calcium concentration (1133) 293
Rivoltella, L., see Chiabrando, C. (1133) 247
Robbins, J., see Lakshmanan, M. (1133) 213
Roehrkasten, A. and Ferenz, H.-J.
Role of the lysine and arginine residues of vitellogenin in high affinity binding to vitellogenin receptors in locust oocyte membranes (1133) 160
Rokach, J., see Naccache, P.H. (1133) 102
Romano, M., see Sheppard, K.-A. (1133) 223

Rubin, R.P., Hundley, T.R. and Adolf, M.A.
Regulation of diacylglycerol levels in carbachol-stimulated pancreatic acinar cells: relationship to the breakdown of phosphatidylcholine and metabolism to phosphatidic acid (1133) 127

Sauterey, C., see Dagher, G. (1133) 17
Schrader, J., see Unitt, J.F. (1133) 115
Serhan, C.N., see Sheppard, K.-A. (1133) 223
Seymour, A.-M.L., see Unitt, J.F. (1133) 115
Sheppard, K.-A., Greenberg, S.M., Funk, C.D., Romano, M. and Serhan, C.N.
Lipoxin generation by human megakaryocyte-induced 12-lipoxygenase (1133) 223
Shibata, N., see Itoh, K. (1133) 286
Suzuki, A., Mitsuda, S., Higashio, K. and Kumasaka, T.
Possible roles of arachidonic acid and its metabolites in induction of tissue plasminogen activator (t-PA) production in human fibroblast, IMR-90 cells by proteose peptone (1133) 167

Takeuchi, I., see Habuchi, O. (1133) 9
Terada, H., see Ohkura, K. (1133) 153
Tsuzuki, M., see Habuchi, O. (1133) 9

Uezato, T., see Natsukari, N. (1133) 193
Unitt, J.F., Schrader, J., Brunotte, F., Radda, G.K. and Seymour, A.-M.L.
Determination of free creatine and phosphocreatine concentrations in the isolated perfused rat heart by ^{1}H- and ^{31}P-NMR (1133) 115

Valzacchi, S., see Chiabrando, C. (1133) 247
Vandongen, R., see McCulloch, R.K. (1133) 142
Vass, J.K., see Iturralde, M. (1133) 241

Watanabe, M., see Blazer-Yost, B.L. (1133) 329
Weber, C., Aepfelbacher, M., Lux, I., Zimmer, B. and Weber, P.C.
Docosahexaenoic acid inhibits PAF and LTD_4 stimulated $[Ca^{2+}]_i$-increase in differentiated monocytic U937 cells (1133) 38
Weber, P.C., see Weber, C. (1133) 38
Westwick, J., see Murphy, C.T. (1133) 46
Wiseman, R.W., see Hardin, C.D. (1133) 133
Wood, J.M., see Horton, A.A. (1133) 31
Wright, J.K., Clark, I.M., Cawston, T.E. and Hazleman, B.L.
The secretion of the tissue inhibitor of metalloproteinases (TIMP) by human synovial fibroblasts is modulated by all-*trans*-retinoic acid (1133) 25
Wyllie, A.H., see Dive, C. (1133) 275

Yamamoto, J., see Miyazaki, T. (1133) 179
Yatsunami, K., see Kawai, H. (1133) 172
Yatsunami, K., see Miyazaki, T. (1133) 179

Zimmer, B., see Weber, C. (1133) 38
Ziyadeh, F.N., see Blazer-Yost, B.L. (1133) 329
Zor, U., see Her, E. (1133) 63